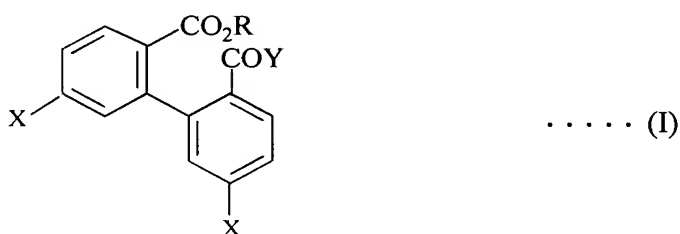




Amendments to the Specification

Please replace paragraph [0013] with the following rewritten paragraph:

[0013] According to a first aspect of the invention, there is the provision of an achiral biaryl-type compound in which the biaryl-type compound is at least one compound selected from the group consisting of a biphenyl dicarboxylic acid derivative represented by the following general formula (I):



(wherein R is H, Me-, Et-, ~~i-Pr-~~ i-Pr-, n-Bu-, i-Bu- or t-Bu- and X is H, Me-,

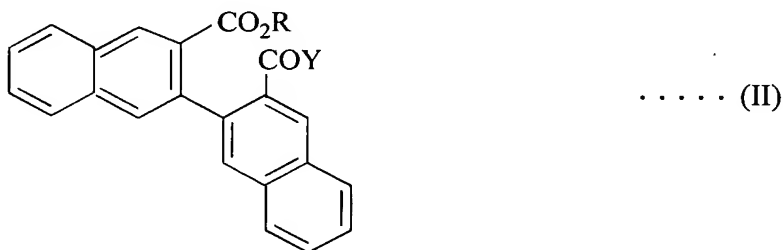
Me₂N-, MeO-, NO₂-, NH₂-, CN-, Cl or Br, and Y is OH-, CN-,  or ,

provided that X is Me₂N- or CN- when R=H and Y=OH, X is Me-, Me₂N-, NO₂-, NH₂- or



CN- when R=Me and Y=OH, and X is Me-, Me₂N-, MeO-, NO₂-, NH₂- or CN- when R=Et

and Y=OH, and R is t-Bu- when X=H and Y=OH), 2, 2'-binaphthyl dicarboxylic acid

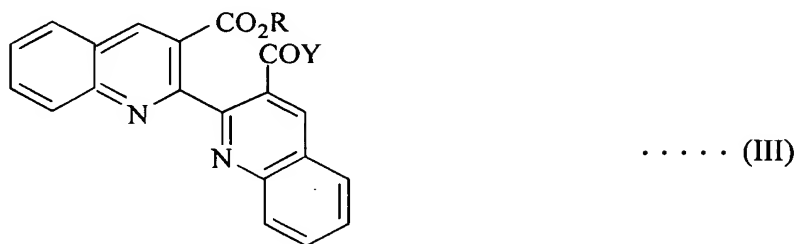
derivative represented by the following general formula (II):



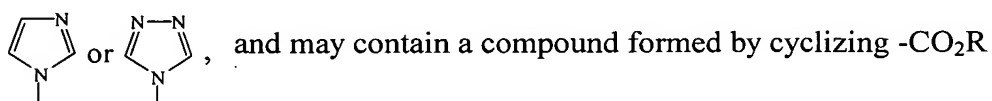
(wherein R is H, Me-, Et-, i-Pr-, n-Bu-, i-Bu- or t-Bu- and Y is OH-, CN-,

 or , provided that R is i-Pr-, n-Bu-, i-Bu- or t-Bu- when Y=OH),

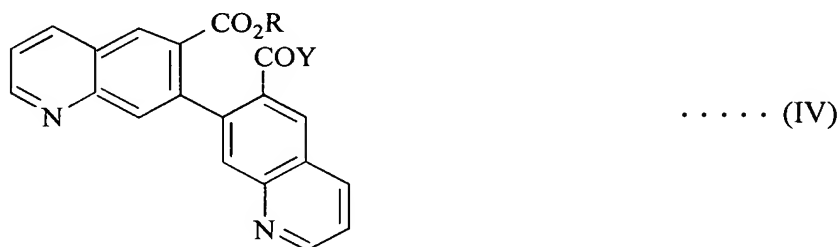
2, 2'-biquinoline dicarboxylic acid and derivatives thereof represented by the following general formula (III):



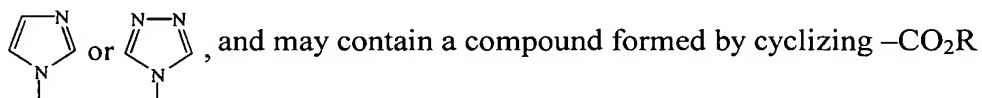
(wherein R is H, Me-, Et-, i-Pr-, n-Bu-, i-Bu- or t-Bu- and Y is OH-, CN-,



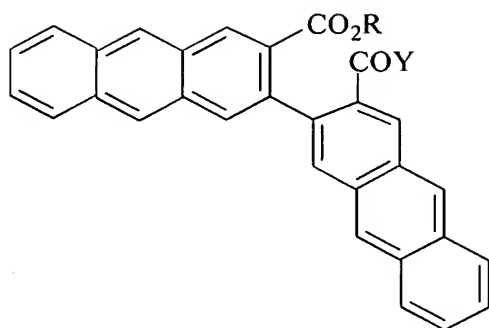
with -COY to form $-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\overset{\text{O}}{\parallel}{\text{C}}-$), 7, 7'-biquinoline dicarboxylic acid and derivatives thereof represented by the following general formula (IV):



(wherein R is H, Me-, Et-, i-Pr-, n-Bu-, i-Bu- or t-Bu- and Y is OH-, CN-,

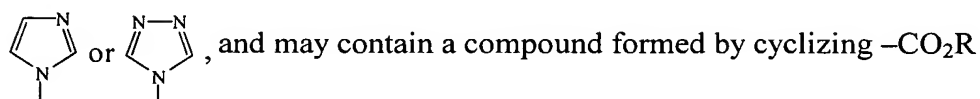


with -COY to form $-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\overset{\text{O}}{\parallel}{\text{C}}-$), 2, 2'-bianthracene dicarboxylic acid and derivatives thereof represented by the following general formula (V):

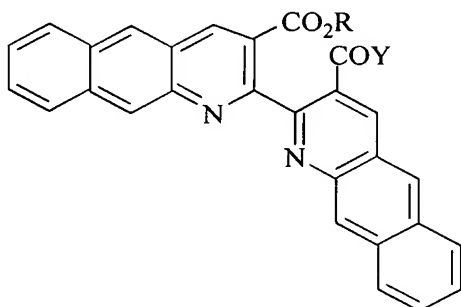


..... (V)

(wherein R is H, Me-, Et-, i-Pr-, n-Bu-, i-Bu- or t-Bu- and Y is OH-, CN-,

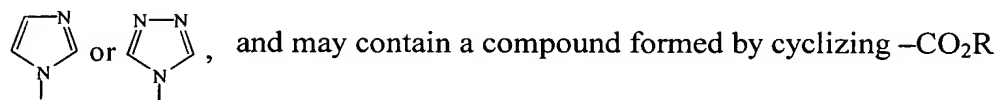


with --COY to form $\text{--}\overset{\text{O}}{\parallel}{\text{C}}\text{--O--}\overset{\text{O}}{\parallel}{\text{C}}\text{--}$), 2, 2'-bibenzo(g)quinoline dicarboxylic acid and derivatives thereof represented by the following general formula (VI):

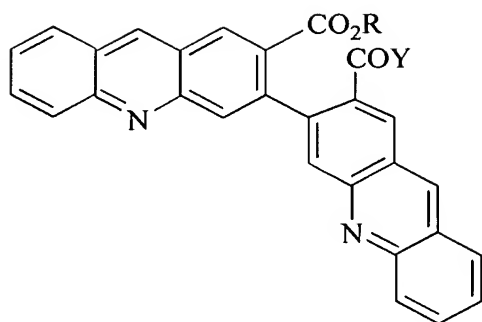


..... (VI)

(wherein R is H, Me-, Et-, i-Pr-, n-Bu-, i-Bu- or t-Bu- and Y is OH-, CN-,





with --COY to form $\text{--}\overset{\text{O}}{\parallel}{\text{C}}\text{--O--}\overset{\text{O}}{\parallel}{\text{C}}\text{--}$), and 3, 3'-biacridine dicarboxylic acid and derivatives thereof represented by the following general formula (VII):



..... (VII)

(wherein R is H, Me-, Et-, i-Pr-, n-Bu-, i-Bu- or t-Bu- and Y is OH, CN,

 or , and may contain a compound formed by cyclizing -CO₂R

with -COY to form $\text{--}\overset{\text{O}}{\parallel}\text{C--O--}\overset{\text{O}}{\parallel}\text{C--}$).